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INFORMATION DISCLOSURE

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SHEET 1 OF 27

ATTY. DOCKET NO. | SERIAL NO. | 10/812,480

CITATION IN AN APPLICATION (PTO-1449)

APPLICANT
Deenesh PADHI et al.

FILING DATE

March 30, 2004

GROUP

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ATTY. DOCKET NO. SERIAL NO. INFORMATION DISCLOSURE 008063 USA MTCG/PINTGR 10/812,480 CITATION IN AN **APPLICATION** (PTO-1449) APPLICANT Deenesh PADHI et al. FILING DATE GROUP March 30, 2004 2823 **U.S. PATENT DOCUMENTS** FILING **EXAMINER'S** SUBCLASS INITIALS PATENT NO. DATE NAME **CLASS** DATE 5,270,222 12/14/93 Moslehi 12/31/90 5,283,141 02/01/94 03/05/92 Yoon et al. 5,295,242 03/15/94 Mashruwala et al. 11/02/90 5,309,221 05/03/94 Fischer et al. 12/31/91 5,329,463 07/12/94 Sierk et al. 01/13/93 5,338,630 08/16/94 Yoon et al. 11/18/93 5,347,446 09/13/94 Iino et al. 02/10/92 5,367,624 11/22/94 Cooper 06/11/93 5,375,064 12/20/94 12/02/93 **Bollinger** 03/14/95 5,398,336 Tantry et al. 06/16/93 5,402,367 03/28/95 Sullivan et al. 07/19/93 04/18/95 Mozumder et al. 5,408,405 09/20/93 5,410,473 04/25/95 Kaneko et al. 12/16/92 5,420,796 05/30/95 Weling et al. 12/23/93 5,427,878 06/27/95 Corliss 05/16/94 5,469,361 11/21/95 06/06/94 Moyne 5,485,082 01/16/96 Wisspeintner et al. 04/05/90 5,490,097 02/06/96 Swenson et al. 08/06/93 02/27/96 5,495,417 Fuduka et al. 03/16/93 5,497,316 03/05/96 Sierk et al. 04/04/95 5,497,381 03/05/96 O'Donoghue et al. 06/01/95 5,503,707 04/02/96 Maung et al. 09/22/93 5,508,947 04/16/96 Sierk et al. 05/13/94 5,511,005 04/23/96 Abbe et al. 02/16/94 5,519,605 05/21/96 Cawlfield 10/24/94 5,525,808 06/11/96 Irie et al. 12/20/94 5,526,293 06/11/96 Mozumder et al. 12/17/93 5,534,289 07/09/96 Bilder et al. 01/03/95 5,541,510 07/30/96 **Danielson** 04/06/95 **EXAMINER** DATE CONSIDERED 1/25/2005

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ATTY, DOCKET NO. INFORMATION DISCLOSURE SERIAL NO. 008063 USA MTCG/PINTGR 10/812,480 CITATION IN AN APPLICATION (PTO-1449) APPLICANT Deenesh PADHI et al. FILING DATE GROUP March 30, 2004 2823 **U.S. PATENT DOCUMENTS EXAMINER'S** FILING INITIALS PATENT NO. DATE NAME **CLASS SUBCLASS** DATE 5.751.582 05/12/98 Saxena et al. alm 09/24/96 5,754,297 05/19/98 Nulman 04/14/97 5,761,064 06/02/98 La et al. 10/06/95 5,761,065 06/02/98 Kittler et al. 03/30/95 5,764,543 06/09/98 Kennedy 06/16/95 5,777,901 07/07/98 Berezin et al. 09/29/95 5,787,021 07/28/98 Samaha 12/18/95 5,787,269 07/28/98 Hyodo 09/19/95 5,808,303 09/15/98 Schlagheck et al. 01/29/97 5,812,407 09/22/98 Sato et al. 08/12/97 5,823,854 10/20/98 Chen 05/28/96 5,825,913 10/20/98 Rostami et al. 07/18/95 5,828,778 10/27/98 Hagi et al. 07/12/96 5,832,224 11/03/98 Fehskens et al. 06/14/96 5,838,595 11/17/98 Sullivan et al. 11/25/96 5,844,554 12/01/98 Geller et al. 09/17/96 5.857,258 01/12/99 Penzes et al. 05/12/94 5,859,964 01/12/99 Wang et al. 10/25/96 5,859,975 01/12/99 Brewer et al. 08/09/96 5,862,054 01/19/99 Li 02/20/97 5,863,807 01/26/99 Jang et al. 03/15/96 5,867,389 02/02/99 Hamada et al. 11/26/96 5,870,306 02/09/99 Harada 06/13/97 03/16/99 5,883,437 Maruyama et al. 12/28/95 5,889,991 03/30/99 Consolatti et al. 12/06/96 5,901,313 05/04/99 Wolfe et al. 09/02/97 5.903.455 05/11/99 Sharpe, Jr. et al. 12/12/96 5,910,011 06/08/99 Cruse 05/12/97 5,910,846 06/08/99 Sandhu 08/19/97 **EXAMINER** DATE CONSIDERED 1/25/2005 Malsau

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ATTY. DOCKET NO. SERIAL NO. INFORMATION DISCLOSURE 008063 USA MTCG/PINTGR 10/812,480 CITATION IN AN APPLICATION (PTO-1449) APPLICANT Deenesh PADHI et al. FILING DATE GROUP March 30, 2004 2823 **U.S. PATENT DOCUMENTS EXAMINER'S FILING** INITIALS PATENT NO. DATE NAME **CLASS SUBCLASS** DATE 04/14/97 5,912,678 06/15/99 Saxena et al. 10/23/97 5,916,016 06/29/99 Bothra 5,923,553 07/13/99 Yi 10/05/96 5,926,690 07/20/99 Toprac et al. 05/28/97 5,930,138 07/27/99 09/10/97 Lin et al. 5,940,300 08/17/99 Ozaki 05/08/97 5,943,237 08/24/99 Van Boxem 10/17/97 09/28/99 5,960,185 Nguyen 06/24/96 09/28/99 5,960,214 Sharpe, Jr. et al. 12/04/96 5,961,369 10/05/99 Bartels et al. 06/04/98 Kahn et al. 5,963,881 10/05/99 10/20/97 5,978,751 11/02/99 Pence et al. 02/25/97 5,982,920 11/09/99 Tobin, Jr. et al. 01/08/97 6,002,989 12/14/99 Shiba et al. 04/01/97 6,017,771 01/25/00 Yang et al. 04/27/98 6,036,349 03/14/00 Gombar 07/26/96 6,041,263 03/21/00 Boston et al. 10/01/97 Steffan et al. 6.041,270 03/21/00 12/05/97 04/25/00 Yau et al. 6,054,379 02/11/98 6,064,759 05/16/00 Buckley et al. 11/06/97 6,072,313 06/06/00 Li et al. 06/17/97 6,074,443 06/13/00 Venkatesh et al. 01/29/98 6,077,412 06/20/00 Ting et al. 10/30/98 6,078,845 06/20/00 Friedman 11/25/96 07/25/00 6.094.688 Mellen-Garnett et al. 03/12/98 6,097,887 08/01/00 Hardikar et al. 10/27/97 08/22/00 6,108,092 Sandhu 06/08/99 6,111,634 08/29/00 Pecen et al. 05/28/97 6,112,130 08/29/00 Fukuda et al. 10/01/97 **EXAMINER** DATE CONSIDERED 1/25/2005 Malse

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ATTY, DOCKET NO. SERIAL NO. INFORMATION DISCLOSURE 008063 USA MTCG/PINTGR 10/812,480 CITATION IN AN **APPLICATION** (PTO-1449) APPLICANT Deenesh PADHI et al. FILING DATE GROUP March 30, 2004 2823 **U.S. PATENT DOCUMENTS EXAMINER'S** FILING INITIALS PATENT NO. DATE NAME CLASS **SUBCLASS** DATE 10/03/00 6,127,263 Parikh 07/10/98 6,128,016 10/03/00 12/20/96 Coelho et al. 6,136,163 10/24/00 Cheung et al. 03/05/99 6,141,660 10/31/00 Bach et al. 07/16/98 6,148,099 11/14/00 Lee et al. 07/03/97 6,148,239 11/14/00 Funk et al. 12/12/97 6,148,246 11/14/00 Kawazome 06/10/98 11/21/00 6,150,664 06/29/99 Su 6,159,075 12/12/00 Zhang 10/13/99 6,159,644 12/12/00 Satoh et al. 03/06/96 6,161,054 B1 12/12/00 Rosenthal et al. 09/17/98 01/02/01 6,169,931 B1 Runnels 07/29/98 01/09/01 6,172,756 B1 Chalmers et al. 12/11/98 01/09/01 6,173,240 B1 Sepulveda et al. 11/02/98 6,175,777 B1 01/16/01 Kim 01/16/98 6,178,390 B1 01/23/01 Jun 09/08/98 6,183,345 B1 02/06/01 Kamono et al. 03/20/98 6,185,324 B1 02/06/01 Ishihara et al. 01/31/95 02/20/01 6,191,864 B1 Sandhu 02/29/00 6,192,291 B1 02/20/01 Kwon 10/08/98 6,197,604 B1 03/06/01 Miller et al. 10/01/98 6,210,983 B1 04/03/01 Atchison et al. 06/15/99 6,211,094 B1 04/03/01 Jun et al. 08/23/99 6,214,734 B1 04/10/01 Bothra et al. 11/20/98 6,217,412 B1 04/17/01 Campbell et al. 08/11/99 6,219,711 B1 04/17/01 Chari 10/01/97 6,222,936 B1 04/24/01 09/13/99 Phan et al. **EXAMINER** DATE CONSIDERED Malsan 1/25/2005

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ATTY, DOCKET NO. SERIAL NO. INFORMATION DISCLOSURE 008063 USA MTCG/PINTGR 10/812,480 CITATION IN AN APPLICATION (PTO-1449) APPLICANT Deenesh PADHI et al. FILING DATE GROUP March 30, 2004 2823 U.S. PATENT DOCUMENTS **EXAMINER'S** FILING PATENT NO. INITIALS DATE **SUBCLASS** NAME **CLASS** DATE 6,226,792 B1 05/01/01 Goiffon et al. 10/14/98 6,230,069 B1 Campbell et al. 05/08/01 06/26/98 6,236,903 B1 05/22/01 Kim et al. 09/25/98 2001/0001755 A1 05/24/01 Sandhu et al. 12/29/00 6,240,330 B1 05/29/01 Kurtzberg et al. 05/28/97 6,240,331 B1 05/29/01 08/18/98 Yun 2001/0003084 A1 06/07/01 Finarov 12/04/00 6,245,581 B1 06/12/01 Bonser et al. 04/19/00 6,246,972 B1 06/12/01 Klimasauskas 05/27/99 6,248,602 B1 06/19/01 Bode et al. 11/01/99 6,249,712 B1 06/19/01 Boiquaye 09/25/96 6,252,412 B1 06/26/01 Talbot et al. 01/08/99 6.253,366 B1 06/26/01 Mutschler, III 03/31/99 6,263,255 B1 07/17/01 Tan et al. 05/18/98 6,271,670 B1 08/07/01 Caffey 02/08/99 6,276,989 B1 08/21/01 Campbell et al. 08/11/99 08/21/01 6,278,899 B1 Piche et al. 10/06/98 Wiswesser et al. 08/28/01 6,280,289 B1 11/02/98 6,284,622 B1 09/04/01 Campbell et al. 10/25/99 6,287,879 B1 09/11/01 Gonzales et al. 08/11/99 6,290,572 B1 09/18/01 Hofmann 03/23/00 6,292,708 B1 09/18/01 Allen et al. 06/11/98 6,298,274 B1 10/02/01 Inoue 09/01/99 6,298,470 B1 10/02/01 Breiner et al. 04/15/99 10/16/01 6,303,395 B1 Nulman 06/01/99 6,304,999 B1 10/16/01 Toprac et al. 10/23/00 6,307,628 B1 10/23/01 Lu et al. 08/18/00 Xbm 6,314,379 B1 11/06/01 Hu et al. 12/04/97 EXAMINER DATE CONSIDERED 1/25/2005 Mala

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ATTY, DOCKET NO. SERIAL NO. INFORMATION DISCLOSURE 008063 USA MTCG/PINTGR 10/812,480 CITATION IN AN APPLICATION (PTO-1449) APPLICANT Deenesh PADHI et al. FILING DATE GROUP March 30, 2004 2825 U.S. PATENT DOCUMENTS **EXAMINER'S** FILING INITIALS PATENT NO. DATE NAME **CLASS SUBCLASS** DATE 11/08/01 m 2001/0039462 A1 Mendez et al. 04/02/01 2001/0040997 A1 11/15/01 Tsap et al. 05/15/01 6,320,655 B1 11/20/01 Matsushita et al. 03/15/00 2001/0042690 A1 11/22/01 Talieh 12/14/00 2001/0044667 A1 11/22/01 Nakano et al. 05/16/01 6,324,481 B1 11/27/01 Atchison et al. 06/15/99 6,334,807 B1 01/01/02 Lebel et al. 04/30/99 6,336,841 B1 01/08/02 Chang 03/29/01 6,340,602 B1 01/22/02 Johnson et al. 02/12/01 6,345,288 B1 02/05/02 Reed et al. 05/15/00 02/05/02 6,345,315 B1 Mishra 08/12/98 6,346,426 B1 02/12/02 Toprac et al. 11/17/00 2002/0032499 03/14/02 Wilson et al. 05/04/01 6,360,133 B1 03/19/02 Campbell et al. 06/17/99 03/19/02 6,360,184 B1 Jacquez 03/26/97 6,363,294 B1 03/26/02 Coronel et al. 12/29/98 04/02/02 6,366,934 B1 Cheng et al. 06/02/99 6,368,879 B1 04/09/02 Toprac 09/22/99 6,368,883 B1 04/09/02 Bode et al. 08/10/99 04/09/02 6,368,884 B1 Goodwin et al. 04/13/00 04/30/02 6,379,980 B1 Toprac 07/26/00 6,388,253 B1 05/14/02 Su 11/02/00 6,389,491 B1 05/14/02 Jacobson et al. 03/23/99 2002/0058460 A1 05/16/02 Lee et al. 09/14/01 05/28/02 6,395,152 B1 Wang 07/02/99 05/28/02 6,397,114 B1 Eryurek et al. 05/03/99 6,400,162 B1 06/04/02 Mallory et al. 07/21/00 6,405,096 B1 06/11/02 Toprac et al. 08/10/99 6,405,144 B1 06/11/02 Toprac et al. 01/18/00 EXAMINER DATE CONSIDERED 1/25/2005 Wilson

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SERIAL NO. ATTY, DOCKET NO. INFORMATION DISCLOSURE 008063 USA MTCG/PINTGR 10/812,480 CITATION IN AN APPLICATION (PTO-1449) APPLICANT Deenesh PADHI et al. FILING DATE GROUP March 30, 2004 2823 **U.S. PATENT DOCUMENTS** EXAMINER'S FILING PATENT NO. INITIALS DATE NAME **CLASS SUBCLASS** DATE 2002/0070126 A1 06/13/02 Sato et al. abm 09/19/01 2002/0077031 A1 06/20/02 Johannson et al. 07/06/01 2002/0081951 A1 06/27/02 Boyd et al. 02/20/02 2002/0089676 A1 07/11/02 Pecen et al. 04/26/00 2002/0102853 A1 08/01/02 Li et al. 12/20/01 2002/0107599 A1 08/08/02 Patel et al. 01/25/01 2002/0107604 A1 08/08/02 Riley et al. 12/06/00 6,435,952 B1 08/20/02 Boyd et al. 06/30/00 6,438,438 B1 08/20/02 Takagi et al. 01/02/98 2002/0113039 AT 08/22/02 Mok et al. 02/16/01 6,440,295 B1 08/27/02 Wang 02/04/00 6,442,496 B1 08/27/02 Pasadyn et al. 08/08/00 2002/0127950 A1 09/12/02 Hirose et al. 03/08/01 2002/0128805 A1 09/12/02 Goldman et al. 12/26/00 2002/0149359 A1 10/17/02 Crouzen et al. 08/18/01 6,470,230 B1 10/22/02 Toprac et al. 01/04/00 6,479,990 B2 11/12/02 Mednikov et al. 06/18/01 6,482,660 B2 11/19/02 Conchieri et al. 03/19/01 6,486,492 B1 11/26/02 Su 11/20/00 6,492,281 B1 12/10/02 Song et al. 09/22/00 2002/0193902 A1 12/19/02 Shanmugasundram et al. 06/18/02 2002/0197745 A1 12/26/02 Shanmugasundram et al. 08/31/01 2002/0197934 A1 12/26/02 Paik 11/30/01 2002/0199082 A1 12/26/02 Shanmugasundram et al. 06/18/02 **EXAMINER** DATE CONSIDERED Walsan 1/25/2005

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ATTY, DOCKET NO. SERIAL NO. INFORMATION DISCLOSURE 008063 USA MTCG/PINTGR 10/812,480 CITATION IN AN **APPLICATION** (PTO-1449) APPLICANT Deenesh PADHI et al. **FILING DATE** GROUP March 30, 2004 2823 U.S. PATENT DOCUMENTS **EXAMINER'S** FILING INITIALS PATENT NO. DATE NAME **CLASS SUBCLASS** DATE make 6,503,839 B2 01/07/03 Gonzales et al. 07/03/01 2003/0020909 A1 01/30/03 Adams et al. 04/09/01 2003/0020928 A1 01/30/03 Ritzdorf et al. 07/09/01 6,517,413 B1 02/11/03 Hu et al. 10/25/00 6,540,591 B1 04/01/03 Pasadyn et al. 04/18/01 6,560,504 B1 05/06/03 Goodwin et al. 09/29/99 6,563,308 B2 05/13/03 Nagano et al. 03/27/01 6,567,717 B2 05/20/03 Krivokapic et al. 01/19/00 6,587,744 BI 07/01/03 Stoddard et al. 06/20/00 6,590,179 B2 07/08/03 Tanaka et al. 02/26/01 6,604,012 B1 08/05/03 Cho et al. 08/23/00 6,618,692 B2 09/09/03 Takahashi et al. 02/26/01 6,625,497 B2 09/23/03 Fairbairn et al. 07/10/01 6,640,151 BI 10/28/03 Somekh et al. 12/22/99 **EXAMINER** DATE CONSIDERED Malsan 1/25/2005

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7 bm	09/927,444	08/13/01	Ward et al.		namic Control of Wafer Processing			
1010	00000 470	00/14/01	17.1		Semiconductor Manufacturing Proc			
Som	09/928,473	U8/14/U1	Koh		ol Services Layer for Providing To- vice Functions in Conjunction with			
1 4/4					vice runctions in Conjunction with	1001		
Phy	09/928,474	08/14/01	Krishnamurthy et al.		periment Management System, Me	thod		
JUM				and	Medium			
Ton	09/943,383	08/31/01	Shanmugasundram		Situ Sensor Based Control of			
1011	09/943,955	08/31/01	et al.		miconductor Processing Procedure			
NAMA !	U7/743,733	1001	Shanmugasundram et al.		edback Control of a Chemical Mechishing Device Providing Manipulat			
7014			J. u		noval Rate Profiles	IOII OI		
201	09/998,372	11/30/01	Paik		ntrol of Chemical Mechanical Polis	hing	1 -	
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CHU!	09/998,384	11/30/01	Paik		dforward and Feedback Control for		1 1	ļ
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arm	10/084,092	02/28/02	Arackaparambil et		omputer Integrated Manufacturing			
WWI	10/100 104	02/10/02	al.		chniques			
1.1	10/100,184	03/19/02	Al-Bayati et al.		ethod, System and Medium for			/
Som					ontrolling Semiconductor Wafer Probing Critical Dimension Measurement			l /
	10/135,405	05/01/02	Reiss et al.		tegration of Fault Detection with R		 	 /
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	10/135,451	05/01/02	Shanmugasundram	Dy	namic Metrology Schemes and Sa	mpling		
YEM			et al.		hemes for Advanced Process Conti	rol in	1 <i>1</i>	
-/ //	1045000	0644040			miconductor Processing			
1	10/172,977	06/18/02	Shanmugasundram		ethod, System and Medium for Pro	cess		
abm			et al.		ontrol for the Matching of Tools, ambers and/or Other Semiconductor			
,					lated Entities	or-		
Alla	10/173,108	06/18/02	Shanmugasundram	_	egrating Tool, Module, and Fab Le	vel		
Am			et al.		introl			
alm	10/174,370	06/18/02	Shanmugasundram		edback Control of Plasma-Enhance			
900	100004.000	06/10/00	et al.		emical Vapor Deposition Processe			
am	10/174,377	06/18/02	Schwarm et al.		edback Control of Sub-Atmospheri			
<u> </u>	10/377,654	03/04/03	Kokotov et al.		emical Vapor Deposition Processes thod, System and Medium for	<u>s</u>		
of bru	10/5//,054	05/04/05	ROKOTOV CT al.		ntrolling Manufacturing Process U	sino		
- - 11	<u> </u>				aptive Models Based on Empirical			
AM	10/393,531	03/21/03	Shanmugasundram		pper Wiring Module Control			
UVIU			et al.					
-0.1 -	10/632,107	08/01/03	Schwarm et al.	Me	thod, System, and Medium for Ha	ndling	-I	
AbM	1			Mi	srepresentative Metrology Data Wi	ithin an		
-011 -	10/665,165	09/18/03	Paik		vanced Process Control System edback Control of a Chemical Mec	hanical		
Som			- 418		ishing Process for Multi-Layered F			
	10/712,273	11/14/03	Kokotov		thod, System and Medium for		 	
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	10 77 2 2 2 2			Mu	Itivariate Input Parameters	-		
Phy	10/759,108	01/20/04	Schwarm		tomated Design and Execution of	. 1	{ T	
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	10/765,921	01/29/04	Schwarm		Semiconductor Manufacturing Too tem, Method, and Medium for)IS		
Abm		V112/1V7			nitoring Performance of an Advance	_{ced}		
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4.	10/809,906	03/26/04	Surana et al.	ΑT	Fechnique for Process-Qualifying	a	†	
Stom	1			Ser	miconductor Manufacturing Tool I			↓
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Som	10/809,908	03/26/04	Yang et al.	Im	Improved Control of Metal Resistance in			
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	434103	05/16/01	Taiwan			-/	X	
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